



590
January
2014

HF Happenings

South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iaru.org www.iaru-r1.org



Intecnet to Explore the Impact of Space Weather on Radio Communication

Join Dr Pierre Cilliers for the first INTECNET of 2014 on Tuesday 21 January 2014 at 19:30 CAT on a repeater near you. The net will also be carried on Echolink and on 80 metres.

Pierre is a research physicist at the Space Science Directorate of the South African National Space Agency (SANSA). A set of PowerPoint slides will be available on the web for download a few days before the presentation. Note the new day of the week.

The Intecnet moves from a Sunday to a Tuesday evening. Clubs wishing to carry the net on their local repeater should send details of their landline number and coverage area of their repeater to artoday@sarl.org.za by Thursday 16 January to be included in the teleconference bridge. The presentation will be followed by a question and answer session.

CQ to Realign Publications, Launch Digital Supplement

CQ Communications Inc has announced plans to realign its publications lineup and to launch a new online supplement to its flagship magazine, *CQ Amateur Radio* <http://www.cq-amateur-radio.com/>.

"The hobby radio market is changing," said CQ Communications President and Publisher Dick Ross, K2MGA, "and we are changing what we do and how we do it in order to continue providing leadership to all segments of the radio hobby."

Effective with the February 2014 issue of *CQ*, said Ross, content from the magazine's three sister publications - *Popular Communications* <http://www.popular-communications.com/>, *CQ VHF* <http://www.cq-vhf.com/> and *WorldRadio Online* <http://www.worldradiomagazine.com/> - will be incorporated into *CQ*'s digital edition as a supplement to be called *CQ Plus*. The print editions of *Popular Communications* and *CQ VHF* will be phased out, and *WorldRadio Online* will no longer exist as a separate online publication. Current *Popular Communications*, *CQ VHF* and *WorldRadio Online* subscribers will be converted to *CQ* subscribers and receive *CQ Plus* at no additional charge. Details will be posted on each magazine's website.

CQ Communications says the change will offer hobby radio enthusiasts a single source for articles from shortwave listening and scanner monitoring to personal two-way services and Internet radio, as well as Amateur Radio. Richard Fisher, KI6SN, currently editor of both *Popular Communications* and *WorldRadio*

Have **YOU** done anything today to Promote Amateur Radio?

January

1 - New Years Day; start of ARRL Centennial QSO Party; Start of 2014 CQ DX Marathon; start of CDXC DX Marathon Challenge
11 and 12 - Hunting Lions in-the-Air
13 - SARL Office opens
15 - All schools open
17 to 19 - PEARS National VHF/UHF Contest
18 - SARL@Home
25 - Summer QRP Contest
31 - Last day for submission of nominations for councillors for the next term and motions for the 2014 AGM



February

1 and 2 - AWA CW Activity Day
2 - World Wetlands Day
8 and 9 - SARL National Field Day; SARL VHF/UHF Contest
14 Valentine's Day
10 to 15 - SARL Youth Week
15 - SARL Youth Contest
15 and 16 - ARRL International DX CW Contest
23 - SARL Digital Contest



Current Summits-on-the-Air (SOTA) activities are announced at www.sotawatch.org
And more SOTA information can be found at www.sota.org.uk

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Online, will be editor of *CQ Plus*. Read more at <http://www.arrl.org/news/cq-to-realign-publications-launch-digital-supplement>

New ARRL Single-Operator Unlimited Contest Category Now in Effect

Responding to many requests, the ARRL Programs and Services Committee in 2013 accepted the Contest Advisory Committee (CAC) recommendation to add the Single-Operator Unlimited category to the ARRL 10 Meter Contest <http://www.arrl.org/10-meter>, ARRL 160 Meter Contest <http://www.arrl.org/160-meter>, RTTY Roundup <http://www.arrl.org/rtty-roundup> and the IARU HF Championship <http://www.arrl.org/iaru-hf-championship>. "This particular issue has been a long time coming," said CAC Chairman Al Dewey, K0AD.

The new category permits the use of spotting information within the Single-Operator class. In the past, using spotting information placed a station in the Multioperator category. Per the revised rules, "Single-Operator Unlimited: The use of spotting assistance or automated, multi-channel decoders is permitted."

Tokyo Hy-Power Files for Bankruptcy

Tokyo Hy-Power, a manufacturer of Amateur Radio amplifiers, antenna tuners, and other equipment, is in bankruptcy, and its plant, in Saitama Prefecture near Tokyo, has been shuttered. Telephones at the company no longer are being answered, and its Japanese website has been taken down, although the company's US website remains working. Company CEO/President Nobuki Wakabayashi, JA1DJW, founded Tokyo Hy-Power Labs in 1975. He blamed "the recent depression in the industrial RF power products area [which] has led to the very difficult financial position."

Tokyo Hy-Power's early products were HF antenna couplers, although within a couple of years it began manufacturing amplifiers for the Amateur Radio market, including solid-state mobile amplifiers. Among its early products was the HL-4000 linear amplifier, which the company claimed was "the first real HF band high-power linear of its kind in Japan." It has been manufacturing RF products for the industrial market since 1984.

The company also once marketed the HT-750, a portable, low-power SSB/CW transceiver for 40, 15, and 6 metres in a hand-held transceiver form factor. At Dayton Hamvention® 2013, the company displayed a prototype of the XT-751, an advanced model it hoped to develop, covering 40 through 6 metres and with an internal antenna tuner. Among its latest products were solid-state HF amplifiers, as well as amplifiers for 6 and 2 metres.

In a 26 December news release, Ham Radio Outlet (HRO) <http://www.hamradio.com/> reacted with "disappointment" and said it was "deeply saddened" to learn that Tokyo Hy-Power had gone into bankruptcy.

"This action in Japan appears to be similar to a Chapter 7 action here within the United States, as the process in this case appears to be the liquidation of organizational assets in order to attempt to fund some portion of its debt obligation(s)," the HRO release said. "This appears to indicate that a court has deemed the organization unable to be effectively reorganized under Japan's Civil Reconstruction Code."

HRO said it was working with AVSL <http://www.avsl.net/>, the current US service provider for Tokyo Hy-Power products "to discuss the opportunity of continued maintenance at the component level of the US-sold Tokyo Hy-Power line of amplifiers." Read more at <http://www.arrl.org/news/tokyo-hy-power-files-for-bankruptcy>

Russia: End of an era for long-wave listeners

Russia has quietly switched off nearly all of its long-wave transmitters, ending almost nine decades of broadcasting - as cost finally catches up on the medium.

The BBC report that at 1 am on 9 January, state-run Radio Rossii wound up its broadcast as usual with the national anthem. There was no mention that long-wave transmissions were coming to an end, and the following day listeners found they had to rely on local FM broadcasts and the internet to hear

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the station. The only state radio station with truly national coverage, Radio Rossiia can be compared to BBC Radio 4 with its mix of news, drama and educational programmes.

Long-wave suited Russian broadcasters because a single transmitter could reach a wide area at all times of day and night. But they are expensive, and as most listeners have begun listening on FM, or through cable, satellite and the internet, the authorities decided to bring the service to an end.

Read the full BBC story at <http://www.bbc.co.uk/news/blogs-news-from-elsewhere-25683656>

African Islands on the Air

Tromelin 2014 - Press release 1/2014

Hi friends,

The interest generated by the announcement of our project a few weeks ago is extremely important. We expect you to live this adventure with us and its organization throughout the year and to share with you our passion for these remote lands. In due course, we will give some details about the different aspects of the project, but you will find below some answers to questions related to the size of the team, the logistics and the organization required.

Of all the islands that form the "Scattered Islands" Tromelin is the smallest. This one-square kilometer piece of land was classified as a natural reserve back in 1975. The fauna and flora, almost intact, offer a great environment for scientific research. Each year, there are only a few scientists who are allowed to study turtle and seabird colonies. Each research program is the subject of a joint validation from TAAF (Antarctic and Austral territories authority) and CNRS (National Institute of Sciences of the Universe and the National Institute of Ecology and Environment).

Tromelin is the only one of the Scattered Islands to hold only a permanent population of 3 technicians belonging to TAAF. The other islands are homed to military detachments (Armed Forces in the South Zone of the Indian Ocean (FAZSOI) and one policeman. Each mission on Tromelin substantially increases temporarily its population and induces a potential environmental impact.

The ham radio DXpedition in 2000 incorporated this concern for preserving the environment with a staff of four operators. During our preliminary discussions with the authorities in charge of Tromelin, the compromise on the size of the team became obvious. It is inconceivable to lead an expedition with 24 operators on such a small and fragile territory. Besides the ecological impact, difficulties in gaining access as well as logistics would not allow it.

For our project in November 2014 there will be 6 operators who have been authorized for a period of 10 days. While this may reveal a gap with the standard big amateur expeditions that we are getting used to these days, do not forget that once our local team gets there, the population of the island will have already tripled.

In order to maximize our time during these 10 days, it is important to be supportive, organized and known each other very well. It is with this objective that an experienced group, with a real team spirit was formed. This solution was preferred to recruiting an international "patchwork" of operators without a common experience. F6KDF, the Lyon DX Gang and F6KOP Team have proven many times to be up to it.

The presence of French forces on Europa, Juan de Nova and Glorioso facilitated logistical issues for amateur military DXpeditions conducted in 2003 on Europa and in 2009 on Glorioso. For Tromelin, the situation is different because the transport of the operators and the equipment will be made by means of a small private plane. This induces a significant cost due to multiple trips, but it is our only way to rally the island.

The primary objective will not be for a handful of "big guns" to complete their umpteenth award but rather to give all the opportunity to contact us, whatever the geographical constraints or propagation.

At the end of 2013 we launched the website and communicated to the Amateur Radio community throughout the world. These last two weeks have been used to solicit amateur clubs and associations inviting them to take part in our project. Some have already committed to our DXpedition. We hope that many more will join them. The support of all is a prerequisite for the return of Tromelin on the air after so many years of silence. The work will continue throughout the year. Soon we will designate our pilot stations with whom we will closely work while pursuing substantive work on the entire organization.





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We are only a few hours ahead of another major DXpedition, FT5ZM. Our Tromelin 2014 team wishes them good luck for a long journey to Amsterdam Island.

Thank you in advance for your support, have a great year 2014. 73's - The Tromelin island 2014 DXpedition Team

Amsterdam Island, FT/Z. Target frequencies for the forthcoming FT5ZM expedition to Amsterdam Island are:

CW - 1 826.5; 3 523; 7 023; 10 115; 14 023; 18 079; 21 023; 24 894 and 28 023

SSB - 3 790; 7 082; 14 185; 18 130; 21 285; 24 955 and 28 485

RTTY - 3 580; 7 045; 10 142; 14 080; 18 099; 21 080; 24 912 and 28 080

While in Australia and during the voyage to/from Amsterdam Island, the team will be active as VK6FZM and VK6FZM/mm (QSL via N200). The MV "Braveheart" is scheduled to depart Fremantle on 15 January, with the 24th as an estimated arrival date to Amsterdam. Track the team by going to www.amsterdamdx.org/about-dxpedition/. Landing operations will commence as soon as the sea conditions and weather allow. Once the team is ashore, they will have 18 days to set up, conduct the DXpedition, and tear down for departure. FT5ZM will be active with eight stations from two different operating sites. QSL via N200, direct or bureau (preferably by using the QRSS provided by Club Log).

Mauritius, 3B8. A few sources are reporting that Robert, MORCX, will be active as 3B8/MORCX from Mauritius sometime around 2 and 28 May. Activity will be on 40, 20, 15, 10 and 6 metres using some CW and mainly Digital (JT65, PSK31, ROS and maybe FSK441). QSL via MORCX, direct, by the Bureau or eQSL.

Zanzibar Island, AF-032. (Latest Info) A group of Italian operators will be active as 5I0DX from an Italian village at the Kiwengwa Beach Resort on Zanzibar Island (WWF 5HFF-003) between 2 and 13 February. The European DXpedition Zanzibar 2014 Team wants to thank the sponsors, individual contributors, clubs and associations. Special thanks to the Tanzania Communication Regulatory Authority (TCRA), the Tanzania Amateur Radio Club (TARC) and their secretary Hidan, 5H3HO, for the collaboration and help.

Activity will be on all HF bands 160 to 10 metres, including the 30, 17 and 12 metre bands, using CW, SSB, PSK (31/63/125) and RTTY. Also, look for special SSB and Digital activity using the call signs during this operation: 5I0AM (op. ISOAGY), 5I0OWL (op. I8LWL) and 5H3AN (ops IK7JWX and IV3FSG). Current operators mentioned are Fred, IK7JWX, Leo, I8LWL, Ampelio, ISOAGY, Vincenzo, IZ8LFI, Elvira, IV3FSG (YL) and Fulvio, HB9DHG (CW op). Look for 5I0DX to participate in the CQ WPX RTTY Contest (8 and 9 February).

It was announced earlier that this DXpedition will also be a humanitarian operation with donations of medicines to the "Italy Day Hospital". Italy QSL Manager is via IK7JWX. World QSL Manager is via ISOAGY, direct (3USD or 3 IRCs) or by the Bureau. All logs will be uploaded to LoTW and NetLog. They are looking for sponsors for donations to Radio Club of Dar Es Salaam and Italy Day Hospital of Zanzibar (See QRZ.com for details.). Currently, updates are available on QRZ.com <http://www.qrz.com/db/5i0dx>. Also, checkout the following FaceBook page <https://www.facebook.com/groups/256737857822173/permalink/256740014488624>

Reunion Island, TO7. The following was posted on FaceBook by Frank, F4AJQ [edited]: "The team of 'F6KOP TEAM' operators has many DXpeditions projects, many of our members take part to or have take part of many DXpeditions organized by great international teams ... Remember HPO With Vincent, FT5 Michel, S21 with many F6KOP operators (Henri Michel, Eric, and Norbert Heye), San Andres with Bernard and Tony etc....

After considering various projects and shared with the group, taking into account work at radio club, future DX expeditions of F6KOP friends and our big project of the end of the 2014 year, we decided to go an easy access DXCC country: easily obtaining a licence, place to go with 20 - 24 operators team.

While searching the net, of course taking into account the ideas of each and looking at the ClubLog statistics, we decided to go to the Réunion Island.

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The Réunion Island you may ask? This is not Most Wanted! Yes, it is true that this IOTA is only on the 122nd DXCC Most Wanted rank, but looking at the ClubLog statistics, the island is highly needed by low band and digital mode DXers. This is why we decided to make a special effort on the low bands and the Digimode. For this we will have 4 full stations probably equipped with Elecraft K3, K2 and ACOM 1010 amplifier. A Vertical L for 160 m and 2 - 3 beverages. A vertical for 80 m and a and four-square on 40 and 30 metres, and also a 3 elements Spiderbeam on 30 metres. Other antennas will be 5 and 3 bands Spiderbeams. There will be a simultaneous SSB, CW and RTTY station. The fourth station will be a mixed mode station. We will make a special effort on the low bands and hopefully make happy most of you.

The TO7CC team consists of 17 experienced operators, 6 nationalities - DJ7JC, DJ9RR, 9V1RM, OE3JAG, OZ1IKY, ON4LO, EI5GM, EI9FBB, F4DLM, F5NQL, F5EOT, F5UOW, F5JTV, F6IRA, F1ULQ and F4AJQ. The QSL Manager will be our KOPain F1NGP, Yann. We are currently waiting for our pilot station. We hope you will find all the information on our following media pages: Web site - <http://www.to7cc.com>. Facebook - <https://www.facebook.com/TO7CC>. Twitter - <https://twitter.com/@to7cc>

The whole team wishes to find you in the pile-up and welcomes you in this new F6KOP TEAM adventure..... Best 73, F4AJQ Frank, Team leader"

African DX

Angola, D2. Craig, MMOSSG, is returning to Luanda, Angola, on 16 January 2014 and will be active, when work permits, until December 2014. He will be active on 80 to 10 m SSB, PSK31 and CW. QSL via GM4FDM and LoTW.



Benin, TY. Wim, ON6DX, will be active as TY1TT from Grand Popo (WW Loc. JJ06uf), Benin, between 26 January and 5 February 2014. He will be active on 40 to 10 m using an IC-7000; 1/4 verticals with many ground radials for 30 and 40 m; 6 band SP7IDX Broadband hexbeam (G3TXQ design). QSL via ON6DX. Further information and updates can be found at www.dxpedition.be/Benin.html

Tunisia, 3V. After two years of waiting Tunisia finally has a first independent Amateur Radio Association, the "Association Tunisienne des Radio Amateur" (ASTRA), which holds a club station license as 3V8HQ. QSL via bureau.

DX World-DXpedition of the Year

The "DX World - DXpedition of the Year" poll closed on 6 January. See the results on <http://dx-world.net/2014/result-dx-world-dxpedition-of-the-year/>. At Ham Radio 2014 - Friedrichshafen, the DX World team will present specially engraved trophies to members of K9W, TX5K and S21ZBB/S21ZBC in recognition of their achievements.

National Contest Journal

Editor, Kirk K4RO reports that the new NCJ website <http://ncjweb.com/> is online with a whole new look and structure. "There is room to expand NCJ contest score and record databases, plus whatever we think of in the future. Contest managers and columnists can now add their own content." If clicking through to the new URL results in a "page not found" error, clear your browser's history cache and try again. Clearing up the old addresses from the Internet's many tubes will take a bit of time.

Kirk especially wishes to thank his partner, Susie, for designing the site's fresh look-and-feel, and to K5TR, KM3T, and WA7BNM for contributing to the transfer. Good job, folks!

ARRL Centennial QSO Party

How about that ARRL Centennial QSO Party <http://www.arrl.org/centennial-qso-party>? Off to a roaring start, it's like a new contest every week! This week's featured states <http://www.arrl.org/files/file/>

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[On%20the%20Air/W1AW_2014_sked.pdf](#) are Nebraska and Delaware, two hard-to-work states at once. Plus, there is W100AW <http://www.arrl.org/news/w100aw-on-the-air> to chase and all of the various stations that count for Centennial Points <http://www.arrl.org/centennial-gso-party#Table>. If you were active during the national bicentennial in 1976 when we could use special prefixes (I was an ACØ - woo-hoo!), you'll recognise the exuberant atmosphere. Have fun and log 'em all - centennials don't come around very often!

Research on Ground Radials

Rudy, N6LF, has been doing a lot of research on ground radials over the past few years with some papers online, some in the ARRL Antenna Book, and some in QEX. Rudy has compiled a series of articles on his experiments that are downloadable for reading as a set <http://www.antennasbyn6lf.com/2009/12/series-of-qex-articles-on-ground-system-experiments.html>. Good stuff! (Thanks, Eddy, VE3CUI)

Operating Tip

Turn on your filters! No, not *those* filters in the IF, the filters in your spotting network information feed. Without filtering of the spots, you'll quickly find out why the "assisted" categories are often called "Single-Op, Distracted"! Learn how to use the filters available on the network host you use to restrict the spots to those you are likely to be able to work during the contest. Don't be too restrictive - it's also useful just knowing what stations are active, even if you can't hear them at that instant. Finding the right balance is an important aspect of station management.

Word to the Wise

Rich, KL7RA, offers some good advice about tuning a crowded band, "The radios today have excellent filters so everyone is packed tight. When I called someone I got answers on either side of the station I was calling giving me a report as well - once three stations sent me a report!" Be aware of who thinks they are working you! Send the station's call with your exchange to avoid NILs (Not-In-Log) if you think there may be some confusion.

G-QRP magazine Sprat

The online index <http://www.gqrp.com/spratindex.xls> of the English G-QRP group magazine Sprat has been brought up to date through issue 157. It's in a spreadsheet format that either Excel or Open Office can read. (Thanks, Tony, G4WIF)

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 13 to 20 January 2014

AWA Linc Cundall Memorial CW Contest

23:00 UTC 15 January to 23:00 UTC 16 January and

23:00 UTC 18 January to 23:00 UTC 19 January

Mode: CW

Bands: 160, 80, 40 m

Classes: (none)

Exchange: RST and Eqpt Year and Input Power (see rules for format)

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points

Submit logs by: 18 February 2014

E-mail logs to: mjmurphy45@comcast.net

Mail logs to: Mike Murphy, 38 North Reading St., Manchester, NH 03104, USA

Find rules at: http://www.antiquewireless.org/uploads/1/6/1/2/16129770/2014_linc_cundall_rules.pdf

NAQCC Straight Key/Bug Sprint

01:30 - 03:30 UTC 16 January

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

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Max power: 5 watts

Exchange: RST, state, province or country, NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province, or country once

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 19 January 2014

E-mail logs to: naqcc33@windstream.net

Upload log at: <http://naqcc.info/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at: <http://naqcc.info/sprint201401.html>

Locust QSO Party

02:00 - 02:30 UTC 16 January (40 m) and 02:30 - 03:00 UTC 16 January (80 m)

Mode: CW

Bands: 80, 40 m

Classes: Single Op

Max power: (see rules)

Exchange: Name and state, province or country

Work stations: Once per band

QSO Points: 1 000 points per QSO; 5 000 bonus points for at least one QSO with K6VVA; 5 000 bonus points each for at least one QSO with Secret Swarmer station (name = Locust)

Multipliers: (none)

Score Calculation: Total score = total QSO points and bonus points

Submit logs by: 04:59 UTC 1 February 2014

E-mail logs to: lqp57logs@k6vva.com

Mail logs to: (none)

Find rules at: http://www.k6vva.com/lqp/LQP57_2014_Rules.pdf

QRP Fox Hunt

02:00 - 03:30 UTC 17 January

Mode: CW

Bands: 80 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 18 January 2014

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: http://www.grpfoxyhunt.org/winter_rules.htm

NCCC Sprint Ladder

02:30 - 03:00 UTC 17 January

Mode: CW

Bands: 160, 80, 40, 20 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 January 2014

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

LZ Open Contest

00:00 - 04:00 UTC 18 January

Mode: CW

Bands: 80, 40 m

Classes: Single Op; Multi-Op; QRP

Max power: QRP: 5 W

Exchange: 3-Digit serial no and 3-Digit serial no received from last QSO

Work stations: Once each 30 minutes

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 28 January 2014

E-mail logs to: LZ1GL@yahoo.com

Mail logs to: (none)

Find rules at: <http://www.lzopen.com/lz-open-contest/rules/rulesF.htm>

Hungarian DX Contest

12:00 UTC 18 January to 11:59 UTC 19 January

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

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Classes: Single Op All Band - CW or SSB - low or high; Single Op All Band Mixed - QRP, low or high; Single Op Single

Band - mixed, CW or SSB - low or high; Single Op Two Radio Mixed High Power; Multi-Single - low or high; Multi-Multi; SWL

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 10 watts

Exchange: HA: RS(T) and 2-letter county; non-HA: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: 1 point per QSO with same country; 1 point per QSO with different country, same continent; 3 points per QSO with different continent; 6 points per QSO with HA station

Multipliers: Hungarian counties, once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 February 2014

E-mail logs to: hadx@mrasz.axelero.net

Upload log at: <http://www.ha-dx.com/HADX/>

Mail logs to: MRASZ, 1400 Budapest, PO Box 11, Hungary

Find rules at: http://www.ha-dx.com/HADX/html/rules_en.html

North American SSB QSO Party

18:00 UTC 18 January to 05:59 UTC 19 January

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP or low; Multi-Two (Low)

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 05:59 UTC 26 January 2014

E-mail logs to: (none)

Upload log at: <http://www.ncjweb.com/naqplogsubmit/>

Mail logs to: Bill Lippert, ACOW, 2013 6th Avenue SE, Austin, MN 55912-4321, USA

Find rules at: <http://www.ncjweb.com/NAQP-Rules.pdf>

Feld Hell Sprint

20:00 UTC 18 January to 03:00 UTC 19 January

Mode: Feld Hell

Bands: 160, 80, 40 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 25 January 2014

Upload log at: <https://sites.google.com/site/feldhellclub/>

Mail logs to: (none)

Find rules at: <https://sites.google.com/site/feldhellclub/Home/contests/sprints/low-down-sprint>

ON 10-Metre Contest

09:00 - 11:00 UTC 19 January

Mode: CW, SSB

Bands: 10 m Only

Classes: ON CW; ON SSB; ON Mixed; ONL Mixed; non-ON Mixed; non-ON SWL

Exchange: ON: RS(T), QSO no and UBA Section; non-ON: RS(T) and QSO no

Work stations: Once per mode

QSO Points: 3 points per QSO

Multipliers: Each UBA section once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 9 February 2014

E-mail logs to: ubaon@uba.be

Mail logs to: Welters Leon, ON5WL, Borgstraat 80, 2580 Beerzel, Belgium

Find rules at: http://www.on7ss.be/on_contest/on_10m_en.html

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 20 January

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

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Exchange: RST, state, province or country, member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply muls by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total muls

Submit logs by: 26 January 2014

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

Next Weeks Contests

SKCC Sprint, 00:00 - 02:00 UTC 22 January

QRP Fox Hunt, 02:00 - 03:30 UTC 22 January

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 22 January and 03:00 - 04:00 UTC 23 January

NAQCC Straight Key/Bug Sprint, 01:30 - 03:30 UTC 24 January

QRP Fox Hunt, 02:00 - 03:30 UTC 24 January

NCCC Sprint Ladder, 02:30 - 03:00 UTC 24 January

CQ 160-Metre CW Contest, 22:00 UTC 24 January to 22:00 UTC 26 January

REF CW Contest, 06:00 UTC 25 January to 18:00 UTC 26 January

BARTG RTTY Sprint, 12:00 UTC 25 January to 12:00 UTC 26 January

UBA DX SSB Contest, 13:00 UTC 25 January to 13:00 UTC 26 January

SPAR Winter Field Day, 17:00 UTC 25 January to 17:00 UTC 26 January

WAB 1,8 MHz Phone, 19:00 - 23:00 UTC 25 January

Classic Exchange, CW, 14:00 UTC 26 January to 08:00 UTC 27 January

QRP ARCI Fireside SSB Sprint, 20:00 - 23:59 UTC 26 January



History this week - starting 13 January 2014

1759 - The British Museum, in Bloomsbury, London, the world's oldest public national museum, opened

1840 - C. Wheatstone and W.F. Cooke were granted the earliest English alphabetic telegraph patent

1868 - A patent for a refrigerator car, "ice box on wheels," was granted to William Davis of Detroit

1882 - A US patent was issued to Leroy Firman of Chicago for a telephone switchboard

1894 - Professor James Dewar exhibited several properties of liquid air and produced solid air

1903 - King Edward VII and Pres. T. Roosevelt exchanged radio messages from Cornwall, England and Cape Cod, US

1908 - A wireless message was sent long-distance for the first time from the Eiffel Tower in Paris

1911 - The first landing of an aircraft on a ship took place by pilot Lt. Eugene B. Ely

1914 - Henry Ford announces the assembly line, for T-Fords, started 1 Dec 1913